

## CURRICULUM VITAE

### PART I: General Information

Name: Sulpicio de Guzman Soriano, III

Office Address: Department of Anesthesia, Bader 3  
Children's Hospital  
300 Longwood Avenue  
Boston, MA 02030

Home Address: \_\_\_\_\_

E-Mail: \_\_\_\_\_

Social Security: \_\_\_\_\_

Office: \_\_\_\_\_

FAX: \_\_\_\_\_

Place of Birth: \_\_\_\_\_

Date of Birth: \_\_\_\_\_

#### Education:

1981 A.B. University of Southern California (Magna Cum Laude, Chemistry)

1985 M.S. University of Pennsylvania Graduate School of Education  
(Medical Education)

1985 M.D. University of Pennsylvania School of Medicine

#### Postdoctoral Training:

1985-1986 Internship in Surgery, St. Mary's Hospital, San Francisco, CA

1986-1988 Resident in Anesthesiology, University of California, Davis

1989 Chief Resident in Anesthesiology, University of California, Davis

1989-1990 Fellow in Anesthesia, The Children's Hospital, Boston, MA

## Postgraduate Courses:

- |      |  |
|------|--|
| 1995 | Introduction to Laboratory Medicine, Department of Medicine, Brigham and Women's Hospital, Harvard Medical School, Boston, MA. |
| 1997 | Pathogenesis of Neuroimmunologic Diseases, Marine Biological Laboratories, Woods Hole, MA                                      |
| 2001 | Analytical & Quantitative Light Microscopy, Marine Biological Laboratories, Woods Hole, MA                                     |

## Licensure and Certification:

- |       |   |
|-------|---|
| 1986- | California License Registration <u>          </u>         |
| 1990- | Massachusetts License Registration <u>          </u>      |
| 1990  | Diplomate, American Board of Anesthesiology               |
| 1998  | Primary Recertification, American Board of Anesthesiology |
| 1999  | Fellow, American Academy of Pediatrics <u>          </u>  |

## Academic Appointments:

- |           |  |
|-----------|--|
| 1990-1996 | Instructor of Anaesthesia, Harvard Medical School          |
| 1996-1999 | Assistant Professor of Anaesthesia, Harvard Medical School |
| 2000-     | Associate Professor of Anaesthesia, Harvard Medical School |

## Hospital Appointments:

- |           |   |
|-----------|---|
| 1990-1993 | Assistant in Anesthesia, Children's Hospital        |
| 1993-2002 | Associate in Anesthesia, Children's Hospital        |
| 2003-     | Senior Associate in Anesthesia, Children's Hospital |

## Major Visiting Appointments:

- |      |   |
|------|---|
| 1999 | Visiting Professor, Department of Anesthesiology and Critical Care, Children's Hospital of Philadelphia and University of Pennsylvania School of Medicine |
|------|---|

2000 Visiting Professor, Department of Anesthesiology, Stanford University School of Medicine

#### Awards and Honors:

1991 Teacher of the Year, Department of Anesthesia, Children's Hospital, Boston

#### Major Committee Assignments:

1990- Education Committee Department of Anesthesia, Children's Hospital  
Chairman 1992-94

1991-94 Harvard Medical School Anesthesia Simulator Task Force

1994- Committee on Continuing Medical Education, Department of Anesthesia

#### Memberships, Offices and Committee Assignments in Professional Societies:

1986- American Society of Anesthesiologists, member

1989- Society for Pediatric Anesthesia, member

1990- Massachusetts Society of Anesthesiologists, member

1990- Society for Neurosurgical Anesthesia and Critical Care, member  
1999- Chairman: Task force on Education  
2002- Vice-President for Communications

1992- American Board of Anesthesiology, Associate Examiner  
1992- question writer for written examination  
1996- Associate examiner, oral examination

1995- Stroke, Scientific Council, member

1999- Society for Neurosciences, member

1999- Fellow of the American Academy of Pediatrics

2000- Subcommittee on Experimental Neuroscience and Biochemistry,  
American Society of Anesthesiologists

2000- Association of University Anesthesiologists: member

- 2001- American Society of Neurophysiological Monitoring: member
- 2002- Neonatal Pain working group of the NICHD/FDA Newborn Drug Development Initiative: member

Editorial Activities:

- 1991- Anesthesia and Analgesia, ad hoc reviewer
- 1995- Canadian Journal of Anaesthesia, ad hoc reviewer
- 1995- Annals of Thoracic Surgery, ad hoc reviewer
- 1996- Critical Care Medicine, ad hoc reviewer
- 1999 Anesthesiology, ad hoc reviewer
- 2000 Brain Research, ad hoc reviewer
- 2001 Circulation Research, ad hoc reviewer
- 2002 Journal of Neurosurgical Anesthesia, Editorial Board

**APPEARS THIS WAY  
ON ORIGINAL**

## PART II: Research, Teaching, and Clinical Contributions

## A. Research Funding Information:

- 2001 NIH: R21 (pending), PI  
Neurotoxicity of Anesthetics on the Developing Brain
- 2003 American Heart Association New England Affiliate Grant-In-Aid  
(pending) PI Adhesion Molecules and Age Dependent Brain Reperfusion Injury
- 1998 Bradley Fund, Co-PI  
— award for acquisition of laboratory equipment
- 1997-98 Milton Fund, PI, Adhesion Molecules and Brain Reperfusion Injury  
— award for laboratory support
- 1995-96 William Randolph Hearst Fund, PI, Effect of Adhesion Molecules  
on Hypoxic/Ischemic Brain Injury  
— award for laboratory support
- 1995 Bradley Fund, Co-PI  
— award for acquisition of laboratory equipment
- 1994-97 NIH: 5 P01HL48675: Center for Blood Research, Harvard Medical School  
Leukocyte Endothelial Adhesion in Bypass Vascular Injury —  
40% effort Co investigator no salary support.

## B. Ongoing Research Projects:

1. Adhesion molecules and cerebral ischemia: P.I.
2. Neurotoxicity of NDMA receptor antagonist-type anesthetics: P.I.
3. Neurophysiological monitoring in pediatric anesthesia: co-investigator

## C. Report of Teaching

## 1. Local contributions

## University of Pennsylvania School of Medicine

- 1985 Co-organizer: Seminar for Clinical Educators: Organized topics, lectures, and  
teaching scenarios for 4th year medical students

## University of California, Davis School of Medicine

- 1987-89      Organizer: Department of Anesthesiology, seminars and examinations for medical students (1-4/month)
- 1988-89      Moderator: Department of Anesthesiology: Weekly case management conferences.

## Harvard Medical School

### a. Teaching presentations:

- 1990-      Attending physician, Anesthesia Service Children's Hospital  
Teaching and supervision of anesthesia residents, pediatric anesthesia fellows, and medical students
- 1990-      Lecturer, Department of Anesthesia, Children's Hospital core didactic Sessions (8-10 lectures/year to 10 fellows and 15 residents in anesthesia)
- 1990-94      Instructor: Boston Anesthesia Simulator Center
- 1997-      Facilitator: Anesthesia Fellow's Seminar (10 fellows once a week)

### b. Seminars and Grand Rounds:

- 1991      Postgraduate Course, Practical Aspects of Pediatric Anesthesia, Department of Continuing Education, Harvard Medical School, "Nausea and Vomiting"
- 1992      Harvard Review Course, Department of Continuing Education, Harvard Medical School, "New Inhaled Anesthesia"
- 1992      Postgraduate Course, Practical Aspects of Pediatric Anesthesia, Department of Continuing Education, Harvard Medical School, "Inhalational Anesthetics"
- 1993      Beth Israel Hospital, Anesthesia Conference: "Pediatric Neuroanesthesia"
- 1994      Massachusetts General Hospital, Pediatric Surgery Conference: "The Effect of Adhesion Molecules on Cerebral Ischemia/Reperfusion Injury"
- 1994      Postgraduate Course, Practical Aspects of Pediatric Anesthesia, Department of Continuing Education, Harvard Medical School, "Inhalational Anesthetics"
- 1995      Grand Rounds, Department of Anesthesia, Beth Israel Hospital, Boston, "The Effect of Adhesion Molecules on Brain Ischemia Reperfusion Injury"

- 1995 Ischemia/Reperfusion Seminar, Department of Anesthesia, Brigham and Women's Hospital, "Adhesion Molecules and Brain Ischemia Reperfusion Injury"
- 1996 Postgraduate Course, Practical Aspects of Pediatric Anesthesia, Department of Continuing Education, Harvard Medical School, "Inhalational Anesthetics"
- 1996 Grand Rounds, Department of Anesthesia, Children's Hospital, Boston "Adhesion Molecules and Cerebral Ischemia/Reperfusion Injury"
- 1997 Pediatric Surgery Conference, Massachusetts General Hospital: "Adhesion Molecules and Cerebral Ischemia/Reperfusion Injury"
- 1998 Neurosurgery Grand Rounds, Children's Hospital: "Adhesion Molecules and Cerebral Ischemia/Reperfusion Injury"
- 1998 Postgraduate Course, Practical Aspects of Pediatric Anesthesia, Department of Continuing Education, Harvard Medical School, "Inhalational Anesthetics"
- 2000 Postgraduate Course, Practical Aspects of Pediatric Anesthesia, Department of Continuing Education, Harvard Medical School, "Anesthetic Toxicity in Pediatrics"

b. Leadership Roles:

Departmental:

- 1990-1994 Moderator: Weekly case management conferences
- 1993- Coordinator: Research Conference, Department of Anesthesia

Medical School:

- 1992 Co-Director, Practical Aspects of Pediatric Anesthesia, Department of Continuing Education, Harvard Medical School
- 1994- Course Director, Practical Aspects of Pediatric Anesthesia, Department of Continuing Education, Harvard Medical School

## c. Advising Responsibilities:

- 1990-           Anesthesia House staff Advisor  
6 residents and 1 fellow/year; available for counseling
- 1996-97       Research advisor for Erin Foley, M.D. chief fellow  
Topic: Intraoperative EEG Monitoring In Children With Moyamoya Syndrome
- 1998-99       Research advisor for Susan Goobie, M.D. research fellow 1998-99  
Topic: Coagulation During Craniotomies In Children.
- 1999-         Research advisor for Rebecca Claire, M.D. research fellow 1999-2000  
Topic: Intraoperative EEG Monitoring and Postoperative Outcome in Children undergoing Pial Synangiosis for Moyamoya Syndrome
- 1999-         Research advisor for Hideaki Hayashi, M.D. research fellow 1999-2000  
Topic: Neurotoxicity of NDMA receptor antagonists.

## 2. National Contributions

## a. Seminars, workshops and plenary presentations:

- 1992-           Instructor: Pediatric Fiberoptic Intubation Workshop:  
Annual Meeting of the American Society of Anesthesiologists
- 1995-           Panelist: Management of the Difficult Pediatric Airway:  
Annual Meeting of the American Society of Anesthesiologists
- 1998-           Moderator: Molecular Biology of Cerebral Ischemia, Annual Meeting of  
Society of Neurosurgical Anesthesia and Critical Care

## b. Invited Lectures

- 1990           Grand Rounds, University of California, Davis, "Central  
Axis Blockade in Pediatric Anesthesia"
- 1991           Grand Rounds, Department of Anesthesia, Stanford Children's Hospital,  
Stanford, California, "Risk and Outcome in Pediatric Anesthesia"
- 1991           Grand Rounds, Department of Anesthesia, Tufts School of  
Veterinary Medicine, "Neonatal Anesthesia"
- 1993           UMDNJ/New Jersey Medical School 13th Annual Clinical Anesthesia:  
Pharmacology Update 1993, "New Inhalational Anesthetics"



- 1994 Bucks County Anesthesia Seminar, Temple University School of Medicine, "Risk and Outcome in Pediatric Anesthesia"
- 1999 Research Seminar, Genetics Institute, Cambridge, MA: "Adhesion Molecules and Cerebral Ischemia/Reperfusion Injury"
- 1999 Grand Rounds/Visiting Professor, Department of Anesthesiology and Critical Care, Children's Hospital of Philadelphia, University of Pennsylvania School of Medicine: "Adhesion Molecules and Cerebral Ischemia/Reperfusion Injury"
- 2000 Grand Rounds/Visiting Professor, Department of Anesthesia, Stanford University School of Medicine: "Pediatric Neuroanesthesia"
- 2001 Grand Rounds/Visiting Professor, Department of Anesthesia, University of Massachusetts, School of Medicine: "Pediatric Neuroanesthesia"
- 2002 International Winter Symposium, Department of Anesthesiology, University Hospitals, Catholic University of Leuven, Belgium/European Academy of Anaesthesiology: "Management of the Difficult Pediatric Airway"
- 2002 International Winter Symposium, Department of Anesthesiology, University Hospitals, Catholic University of Leuven, Belgium/European Academy of Anaesthesiology: "Anesthesia and Sedation for MRI Procedures"
- 2002 Visiting Professor, Scuola di Specializzazione in Anestesiologia e Rianimazione, Università di Siena, "The Approach to the Pediatric Neurosurgical Patient"
- 2002 Meeting di Neuroanestesia e Neurorianimaione, '02, Siena, Italy, "Guidelines for pediatric neuroanesthesia"
- 2002 V Simpósio Internacional de Anestesiologia, Rio de Janeiro, Brazil, "Pediatric Neuroanesthesia, Management of Hypoxic-Ischemic Encephalopathy"

## PART III: Bibliography

## Original Reports:

1. Kaplan F, **Soriano S**, Fallon M, Haddad J. Osteomalacia in a Night Nurse. *Clinical Orthopedics* 1986;205:216-21.
2. Hanowell L, Kanefield J, **Soriano S**. A recommendation for reduced lidocaine dosages during intravenous regional bretylium treatment of reflex sympathetic dystrophy. *Anesthesiology* 1989;71:811-12.
3. Hanowell L, Thurston J, **Soriano S**, Martin W. Total opacification of the hemithorax after relief of endobronchial obstruction by foreign body. *Respiratory Care* 1991;36:173-177.
4. Hanowell L, **Soriano S**, Bennett H. EEG power changes are more sensitive than spectral edge frequency variation for detection of cerebral ischemia: a prospective assessment of processed EEG monitoring. *Journal of Cardiothoracic and Vascular Anesthesia* 1992;6:292-294.
5. **Soriano SG**, Sethna NF, Scott RM. Anesthetic management of children with Moyamoya syndrome. *Anesthesia and Analgesia* 1993;77:1066-1070.
6. Logigian EL, Wolinsky JS, **Soriano SG**, Madsen JR, Scott RM. H-reflex studies in cerebral palsy patients undergoing partial dorsal rhizotomy. *Muscle and Nerve* 1994;27:539-549.
7. **Soriano SG**, McManus ML, Sullivan LJ, Scott RM, Rockoff MA. Doppler sensor placement during neurosurgical procedures for children in the prone position. *Journal of Neurosurgical Anesthesiology* 1994;6:153-155.
8. Strokes MA, **Soriano SG**, Loeffler JS, Black PMcL, Alexander E, Rockoff MA. Anesthetic implications of stereotactic radiotherapy in children. *Journal of Neurosurgical Anesthesiology* 1995;7:100-108.
9. **Soriano SG**, Logigian EL, Scott RM, Prahl PA, Madsen JR. Nitrous oxide depresses the H-reflex in children with cerebral palsy. *Anesthesia and Analgesia* 1995;80:239-241.
10. Lund DP, **Soriano SG**, Fauza D, Bower L, Jonas R, Hansen DD, Wilson J. Resection of a massive sacrococcygeal teratoma using hypothermic hypoperfusion: a novel use of ECMO. *Journal of Pediatric Surgery* 1995;30:1557-59.
11. Logigian EL, Shefner JM, Goumnerova L, Scott RM, **Soriano SG**, Madsen JR. The critical importance of stimulus intensity in intraoperative monitoring for partial dorsal rhizotomy. *Muscle and Nerve* 1996;19:415-422.
12. **Soriano SG**, Lipton SA, Wang YF, Xiao M, Springer TA, Gutierrez-Ramos J-C, Hickey PR. Intercellular adhesion molecule-1 (ICAM-1) deficient mice are less susceptible to cerebral ischemia-reperfusion injury. *Annals of Neurology* 1996;39:618-624.
13. **Soriano SG**, McManus ML, Sullivan LJ, Rockoff MA, Black PMcL, Burrows FA. Cerebral blood flow velocity after mannitol infusion in children. *Canadian Journal of Anaesthesia* 1996;43:461-466.
14. Furst SR, Sullivan LJ, **Soriano SG**, Adelson PD, McDermott JS, Rockoff MA. Prophylactic use of ondasteron in children undergoing neurosurgical resections. *Anesthesia and Analgesia* 1996;83:325-328.
15. Holzman RS, van der Velde ME, Kaus SJ, Body SC, Colan SD, Sullivan LJ, **Soriano SG**. Sevoflurane depresses myocardial contractility less than halothane during induction of anesthesia in children. *Anesthesiology* 1996;85:1260-1267.

16. Wang YF, Tsirka SE, Strickland S, Stieg PE, **Soriano SG**, Lipton SA, Tissue plasminogen activator (tPA) increases neuronal damage after focal cerebral ischemia in wild-type and tPA-deficient mice. *Nature Medicine* 1998;4:228-231.
17. **Soriano SG**, Wang Y, Lipton SA, Dikkes P, Gutierrez-Ramos J-C, Hickey PR. ICAM-1 dependent pathways is not involved in the development of neuronal apoptosis after transient focal cerebral ischemia. *Brain Research* 1998;780:337-341.
18. McManus ML, **Soriano SG**. Rebound swelling of astroglial cells exposed to hypertonic mannitol. *Anesthesiology* 1998;88:1586-1591.
19. **Soriano SG**, Coxon A, Wang YF, Frosch MP, Lipton SA, Hickey PR and, Mayadas TN, Mice deficient in Mac-1, a  $\beta_2$  integrin, are less susceptible to Cerebral ischemia-reperfusion injury. *Stroke* 1999 30:134-139.
20. **Soriano SG**, Wang YF, Wagner, DD, Frenette PS, P-, and E- Selectin- Deficient Mice Are Susceptible to Cerebral Ischemia-Reperfusion Injury. *Brain Research*, 1999;835:360-364.
21. **Soriano SG**, Eldredge EA, Wang FK, Kull L, Madsen JR, Black PMcI, Riviello JJ, Rockoff MA, The Effect Of Propofol On Intraoperative Electroocortigraphy And Cortical Stimulation During Awake Craniotomies In Children. *Paediatric Anaesthesia*, 2000;10:29-34.
22. **Soriano SG**, Kaus SJ, Sullivan LJ, Martyn JA, Onset And Duration Of Action Of Rocuronium In Children On Chronic Anticonvulsant Therapy. *Paediatric Anaesthesia*, 2000;10:133-136.
23. **Soriano SG**, Sullivan LJ, Venkatakrishnan K, Greenblatt DJ, Martyn JA, Pharmacokinetics and Pharmacodynamics of Vecuronium in Children Receiving Phenytoin or Carbamazepine for Chronic Anticonvulsant Therapy. *British Journal of Anaesthesia* 2001;86:223-229.
24. Goobie SM, **Soriano SG**, Zurakowski D, McGowan FX, Rockoff MA, Hemostatic Changes In Pediatric Neurosurgical Patients As Evaluated By Thromboelastography. *Anesthesia and Analgesia* 2001 93:887-892.
25. Logigian EL, **Soriano SG**, Herrmann DN, Madsen JR, Gentle Dorsal Root Retraction and Dissection Can Cause Areflexia: Implications for Intraoperative Monitoring during "Selective" Partial Dorsal Rhizotomy. *Muscle and Nerve* 2001 24:1352-1358.
26. **Soriano SG**, Cowan DB, Proctor MR, Scott RM, Soluble Adhesion Molecules Are Elevated In The Cerebrospinal Fluid Of Children With Moyamoya Syndrome. *Neurosurgery*. 2002 50:544-549.
27. Hayashi H, Dikkes P, **Soriano SG**, Effect of Single Dose Ketamine on Neuronal Degeneration in the Developing Rat Brain. *Paediatric Anaesthesia*, 2002 12:770-774.
28. **Soriano SG**, Amaravadi LS, Wang YF, Zhou H, Yu GX, Tonra JR, Fairchild-Huntress V, Fang O, Dunmore JH<sup>2</sup>, Huszar D, Pan Y. Mice Deficient in Neurotactin are Less Susceptible to Cerebral Ischemia-Reperfusion Injury. *Journal of Neuroimmunology* 2002 125:59-65
29. Shenkman Z, Rockoff MA, Eldredge EA, Korf BR, Black PMcL, **Soriano SG**, Anaesthetic Management of Children with Tuberous Sclerosis. *Paediatric Anaesthesia* 2002 12:700-704.
30. Wise-Faberowski L, **Soriano SG**, Ferrari LR, McManus ML, Truog R, Wolfsdorf JJ, Majzoub J, Scott RM, Rockoff MA, Perioperative Management of Diabetes Insipidus in Children. *Journal of Neurosurgical Anesthesia* 2003 (in press).
31. **Soriano SG**, Martyn JA, Anticonvulsant-Induced Resistance To Neuromuscular Blockers: Mechanism And Clinical Significance, *Clinical Pharmacokinetics*, 2003 (in press).
32. Davidson A, **Soriano SG**, Does anaesthesia harm the developing brain – evidence or speculation? *Paediatric Anaesthesia* 2003 (in press).

### Proceedings of Meetings:

1. **Soriano SG**, Wang Y, Lipton SA, Dikkes P, Gutierrez-Ramos J-C, Hickey PR, ICAM-1 knockouts are resistant to necrosis but not apoptosis after transient focal cerebral ischemia, FASEB Conference on Neurobiology of CNS Injury, August 1996.
2. Foley EP, **Soriano SG**, Eldredge EA, Riviel'o JJ, Kull L, Scott RM, Rockoff, MA, Intraoperative EEG monitoring in children with Moyamoya syndrome, Pediatric Anesthesiology 1997, Proceedings of the Joint SPA/AAP meeting, February 1997
3. Kaus SJ, **Soriano SG**, Sullivan LJ, Martyn JA, Pharmacodynamics of rocuronium in children on anticonvulsant drugs, Pediatric Anesthesiology 1997, Proceedings of the Joint SPA/AAP meeting 1997; 106
4. **Soriano SG**, Coxon A, Wang YF, Lipton SA, Hickey PR and, Mayadas TN, Mice deficient in Mac-1, a  $\beta_2$  integrin, are less susceptible to Cerebral ischemia-reperfusion injury, Proceedings of the 44<sup>th</sup> annual meeting of the Association of University Anesthesiologists, Washington, D.C. April 18-20, 1997.
5. **Soriano SG**, Wang YF, Wagner, DD, Frenette PS, P-, and E- Selectin- Deficient Mice Are Susceptible to Cerebral Ischemia-Reperfusion Injury. FASEB Conference on Neurobiology of CNS Injury, July 1998.
6. **Soriano SG**, Coxon A, Wang YF, Frosch MP, Lipton SA, Hickey PR and, Mayadas TN, Mice deficient in Mac-1, a  $\beta_2$  integrin, are less susceptible to Cerebral ischemia-reperfusion injury. FASEB Conference on Neurobiology of CNS Injury, July 1998.
7. Eldredge EA, **Soriano SG**, Proctor M, Jolesz F, Rockoff MA, Pediatric Neuroanesthesia in a Magnetic Resonance Therapy Unit, Pediatric Anesthesiology 1999, Proceedings of the Joint SPA/AAP meeting, February 1999.
8. Goobie SM, **Soriano SG**, McGowan FX, Rockoff MA, The Use of Thromboelastography in Evaluate Hemostatic Changes in Pediatric Neurosurgical Patients, Pediatric Anesthesiology 1999, Proceedings of the Joint SPA/AAP meeting, February 1999.
9. **Soriano SG**, Cowan DB, Proctor MR, Scott RM, Soluble Adhesion Molecules Are Elevated In The Cerebrospinal Fluid Of Children With Moyamoya Syndrome, International Symposium on Multiple Risk Factors in Cardiovascular Disease, Venice Italy, October 1999.
10. **Soriano SG**, Claire RA, Smith J, Scott RM, Rockoff MA intraoperative use of electroencephalography in children with moyamoya syndrome. 49<sup>th</sup> Annual Meeting of the Association of University Anesthesiologists, Nashville, TN April 2002.

### Book Chapters and Reviews:

1. **Soriano S**, Rockoff M. Posterior fossa craniotomy In Stehling L, (ed.) Common problems in pediatric anesthesia. 2nd ed. Chicago, Mosby, Year Book 1992;307-15.
2. Koka BV, **Soriano SG**. Neonatal surgical emergencies. Seminars in Anesthesia. 1992;9:309-316.
3. Eldredge EA, **Soriano SG**, Rockoff MA. Neuroanesthesia. in Adelson PD and Black PMcL (eds.) Surgical Management of Pediatric Epilepsy: Neurosurgical Clinics of North America, Philadelphia, W.B. Saunders 1995;6:505-20.
4. **Soriano SG**, Kim C, Jones DT. Surgical airway, rigid bronchoscopy, and transtracheal jet ventilation in the pediatric patient, In Riazi J (ed.) The Difficult Pediatric Airway: Anesthesiology Clinics of North America, Philadelphia, WB Saunders 1998;16:827-38.

5. Rockoff MA, **Soriano SG**, Eldredge EA, Anesthesia for Pediatric Neurosurgery, in Miller RD (series editor) Atlas of Anesthesia, Greeley WJ (volume ed.) Pediatric Anesthesia Volume VII, Philadelphia, Churchill Livingstone 1999:7.2-7.11.
6. McManus ML, **Soriano SG**, Management of Increase Intracranial Pressure. In Anand KS (ed.) Pediatric Intensive Care, Boston Little and Brown (in press)
7. **Soriano SG**, McManus ML, Postoperative Management of the Neurosurgical Patient. In Anand KS (ed.) Pediatric Intensive Care, Boston Little and Brown (in press).
8. Eldredge EA, **Soriano SG**, Rockoff MA. Pediatric Neuroanesthesia. In Cote CJ (ed.) A Practice of Anesthesia for Infants and Children, 3<sup>rd</sup> Edition Philadelphia, W.B. Saunders 2001:493-521.
9. **Soriano SG**, Eldredge EA, Rockoff MA. Pediatric Neuroanesthesia, in Winn HR (ed.) Youman's Neurological Surgery 5<sup>th</sup> Edition, Philadelphia, W.B. Saunders (in press).
10. **Soriano SG**, McCann ME, Laussen PC. Neuroanesthesia: Innovative Techniques and Monitoring, In Mason LJ and Kim MS (volume ed) New Concepts and Techniques in Pediatric Anesthesia: Anesthesiology Clinics of North America, Philadelphia, WB Saunders 2002, 20:137-151.
11. **Soriano SG**, Eldredge EA, Rockoff MA. Pediatric Neuroanesthesia, In Petrozza P (volume ed) Neuroanesthesia: Anesthesiology Clinics of North America, Philadelphia, WB Saunders 2002, 20:389-404.

APPEARS THIS WAY  
ON ORIGINAL

## Abstracts:

1. Hanowell L, **Soriano S**, Coalson D, Moore A, Boyle W. Comparison of propofol and thiopental recovery times and adverse reactions after intravenous infusion supplemented by nitrous oxide. *Anesthesiology* 1988;69:A574.
2. **Soriano S**, Jaffe R. The use of pulse oximetry to detect desaturation in patients receiving intravenous sedation. *Regional Anesthesia* 1989;14:S59.
3. Loeb R, **Soriano S**. Helium decreases the flammability of endotracheal tubes. *Anesthesia and Analgesia* 1990;70:S246.
4. **Soriano S**, Benthuyssen J, Reitan J. Alveolar concentration of spinal cord reflexes in rats. *Anesthesiology* 1990;73:A705.
5. **Soriano S**, Benthuyssen J, Fung D. Vasopressin is released with catecholamines during electroconvulsive therapy. *Anesthesia and Analgesia* 1991; 72:S264.
6. **Soriano SG**, Sullivan LJ, Martyn JA. Pharmacokinetics and Pharmacodynamics of vecuronium in children on chronic anticonvulsant drugs. *Anesthesiology* 1995; 83:A169.
7. Eldredge EA, Rockoff MA, **Soriano SG**, Kelly M, Darbey M, Melendez N, Scott RM, Madsen JR, Goumnerova L, Nurko S. Comparison of intraoperative external anal sphincter electromyography and anorectal manometry monitoring during surgical release of tethered spinal cord. *Anesthesiology* 1996; 85:A187.
8. **Soriano SG**, Wang YF, Lipton SA. Reperfusion Ameliorates Ischemia-Induced Cerebral Damage In Young Rats. *Anesthesiology* 1998; 89:A772.
9. **Soriano SG**, Wang YF, Liu DY. Postischemic Administration of NPC-18915, A Novel Inhibitor of Neutrophil Activation, Decreases Cerebral Infarction. *Anesthesiology* 1998; 89:A768.
10. Eldredge EA, **Soriano SG**, Proctor MR, Jolesz FA, Rockoff MA. Pediatric Neuroanesthesia In A Magnetic Resonance Therapy Unit. *Journal of Neurosurgical Anesthesiology* 1999;11:A503.
11. Goobie SM, **Soriano SG**, Zurakowski D, McGowan FX, Rockoff MA. Hemostatic Changes in Pediatric Neurosurgical Patients as Evaluated by Thromboelastography. *Anesthesiology* 1999; 91:A1316.
12. Goobie SM, **Soriano SG**, Zurakowski D, McGowan FX, Rockoff MA. The Effect of Anticonvulsant Therapy on Hemostasis in Pediatric Neurosurgical Patients as Evaluated by Thromboelastography. *Anesthesiology* 1999; 91:A1317.
13. **Soriano SG**, Cowan DB, Proctor MR, Scott RM. Soluble Adhesion Molecules are Elevated in the Cerebrospinal Fluid of Children with Moyamoya Syndrome. *Anesthesiology* 1999; 91:A195.
14. **Soriano SG**, Wang YF, Pan Y. Mice Deficient In Neurotactin, A Membrane Bound Chemokine Are Less Susceptible To Cerebral-Ischemia Injury. *Anesthesiology* 1999; 91:A738.